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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>		Attorney Docket No. 38-21(15454)B
		First Named Inventor or Application Identifier FISHER, Dane K.
Title		Nucleic Acid Molecules and Other Molecules Associated with Plants
		Express Mail Label No. 109475

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents</i>		Assistant Commissioner for Patent Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <i>(Submit an original and a duplicate for fee processing)</i>	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification [Total Pages 102]	7. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>	
- Descriptive title of the Invention		
- Cross References to Related Applications		
- Statement Regarding Fed sponsored R&D		
- Reference to Microfiche Appendix		
- Background of the Invention		
- Brief Summary of the Invention		
- Brief Description of the Drawings (if filed)		
- Detailed Description		
- Claims		
- Abstract of the Disclosure		
3. <input type="checkbox"/> Drawing(s) (35 USC 113)	[Total Sheets 1]	
4. Oath or Declaration	[Total Pages 6]	
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 17 completed)</i> <i>[Note Box 5 below]</i>	9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>	
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	10. <input type="checkbox"/> English Translation Document (if applicable)	
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.	11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations	
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)	12. <input type="checkbox"/> Preliminary Amendment	
Prior Application Information: Examiner: _____ Group/Art Unit: _____		
18. CORRESPONDENCE ADDRESS		
<input type="checkbox"/> Customer Number or Bar Code Label <i>(Insert Customer No. or Attach bar code label here)</i>		or <input checked="" type="checkbox"/> Correspondence address below

NAME	Lawrence M. Lavin, Jr., Esq.				
	MONSANTO COMPANY				
ADDRESS	800 N. Lindbergh Boulevard				
	Mail Zone N2NB				
CITY	St. Louis	STATE	Missouri	ZIP CODE	63167
COUNTRY	US	TELEPHONE	(314) 694-3602	FAX	(314) 694-1671
Name (Print/Type)	Lawrence M. Lavin, Jr.		Registration No. (Attorney/Agent)	30,768	
Signature	Lawrence M. Lavin, Jr. by Paul R. March		Date	September 15, 1999	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Reg. No. 41,408

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of
 Inventors: Dane K. FISHER et al.
 For: Nucleic Acid Molecules and Other Molecules Associated with Plants

Enclosed are:

A Combined Declaration and Power of Attorney, executed by inventor Dane K. Fisher (3 pages).
 A Combined Declaration and Power of Attorney, executed by inventor Raghunath V. Lalgudi (3 pages).
 An Information Disclosure Statement.
 Form PTO-1449 (3 pages) with 8 accompanying documents.
 Statement Regarding Sequence Listing.
 A CD-ROM containing the sequence listing.

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	7 -20 =	* 0
INDEP. CLAIMS	3 -3 =	* 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
OR	RATE	OR	RATE
	\$ 395.00		\$ 760.00
	x 9 =		
	x 39 =		
	+ 130 =		
	TOTAL		
		OR	RATE
			\$ 760.00

 Please charge my Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is attached. Howrey & Simon Check No. 316232 in the amount of \$ 760.00 to cover the filing fee is enclosed. The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 13-4125. A duplicate copy of this sheet is attached.

Any additional filing fees required under 37 CFR 1.16.
 Any patent application processing fees under 37 CFR 1.17.

 The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 13-4125. A duplicate copy of this sheet is enclosed.

Any patent application processing fees under 37 CFR 1.17.
 The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
 Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date September 15, 1999Lawrence M. Lavin, Jr.

Lawrence M. Lavin, Jr. (Reg. No. 30,768)
 Attorney of Record
 Monsanto Company
 800 N. Lindbergh Boulevard, Mail Zone N2NB
 St. Louis, Missouri 63167
 Telephone: (314) 694-3602

D. R. MarshallReg. No. 41,408

September 15, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application
Application No.: To Be Assigned
Filed: Herewith
For: **Nucleic Acid Molecules and Other Molecules
Associated with Plants**
Inventors: Dane K. FISHER *et al.*
Atty. Docket: 38-21(15454)B

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal (PTO/SB/05);
2. Form PTO-1082 (in duplicate);
3. U.S. Utility Patent Application entitled:

Nucleic Acid Molecules and Other Molecules Associated with Plants

and naming as inventors:

Dane K. FISHER and Raghunath V. LALGUDI

the application consisting of:

- a. A specification containing:
 - (i) 100 pages of a description prior to the claims;
 - (ii) 1 page of claims (7 claims);
 - (iii) a one (1) page abstract; and
 - (iv) 24,446 pages of a sequence listing;

4. A Combined Declaration and Power of Attorney, executed by inventor Dane K. Fisher (3 pages);
5. A Combined Declaration and Power of Attorney, executed by inventor Raghunath V. Lalgudi (3 pages);
6. Statement Regarding Sequence Submission;
7. A CD-ROM containing the sequence listing;
8. Information Disclosure Statement;
9. Form PTO-1449 (3 pages), with 8 accompanying documents;
10. Howrey & Simon Check No. 316232 in the amount of \$760.00 to cover the basic filing fee; and
11. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the sequence listing and the computer readable copy of the sequence listing submitted herewith in the above application are the same.

Respectfully submitted,


David R. Marsh (Reg. No. 41,408)

Enclosures

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dane K. FISHER *et al.*

Art Unit: To Be Assigned

Appln. No.: To Be Assigned

Examiner: To Be Assigned

Filed: September 15, 1999

Atty. Docket: 38-21(15454)B

For: Nucleic Acid Molecules and Other
Molecules Associated with Plants

Statement Regarding Sequence Submission

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the Sequence Listing and the computer readable copy of the Sequence Listing submitted herewith in the above-mentioned application are the same.

Respectfully submitted,

Lawrence M. Lavin, Jr.

Lawrence M. Lavin, Jr. (Reg. No. 30,768)

Date: September 15, 1999

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by
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